

CLAIMS

1. A method of processing an electrical connection terminal for a coaxial cable, wherein a core wire (internal conductor) has a different mesh-type conductor layer (external conductor) around it organized in a coaxial cylindrical manner via an inner-side insulator layer, the mesh-type conductor layer being covered by an outer-side insulator layer, characterized in comprising:

a step of axially stripping an outer-side insulator layer in an terminal portion of the coaxial cable by a predetermined length to thereby provide a clearance between the inner-side insulator layer and the mesh-type conductor layer so that the mesh-type conductor layer is expanded into a conical shape; and

a step of folding the mesh-type conductor layer expanded into the conical shape outside of the outer-side insulator layer.

2. An apparatus for processing an electrical connection terminal for a coaxial cable, wherein a core wire (internal conductor) has a different mesh-type conductor layer (external conductor) around it organized in a coaxial cylindrical manner via an inner-side insulator layer, the mesh-type conductor layer being covered by an outer-side insulator layer, characterized in comprising:

a tool means for axially stripping an outer-side insulator

layer in an terminal portion of the coaxial cable by a predetermined length and supporting the stripped terminal portion of the coaxial cable;

a turn means for tilting an axis of the tool means by an angle of α degrees with respect to a shaft line of the coaxial cable to thereby turn the tool means; and

an advancing/_retreating means for advancing/_retreating the tool means on the axis of the coaxial cable, wherein

a clearance is provided between the inner-side insulator layer and the mesh-type conductor layer by turning the tool means using the turn means to thereby expand the mesh-type insulator layer into a conical shape so that the mesh-type conductor layer expanded into the conical shape is folded outside of the outer-side insulator layer in response to a forward motion by the advancing/_retreating means.

3. An apparatus for processing an electrical connection terminal for a coaxial cable as claimed in Claim 2, wherein

the tool means is comprised of a tool member, and

the tool member is comprised of an outer-side cylindrical member supported by the advancing/_retreating means and an inner-side cylindrical member axially supported in an expanding and energizing manner inside of the outer-side cylindrical member and supporting the stripped terminal portion of the coaxial cable.